

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>			ATTY DOCKET NO.	APPLICATION NO.		
			1747 (TI-03-12)	10/776,396		
			APPLICANT(S)			
			Timothy A. Spahr			
FILING DATE	GROUP ART UNIT					
February 11, 2004	3727					
<b>U.S. PATENT DOCUMENTS</b>						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Se</i>	2,072,069	2/23/37	Ellis	134	17	
<i>l</i>	2,989,506	6/20/61	Hudgin et al.	260	67	
<i>l</i>	2,998,409	8/29/61	Nogare et al.	260	67	
<i>l</i>	3,027,352	3/27/62	Walling et al.	260	67	
<i>Se</i>	3,147,234	9/1/64	Polly, Jr.	260	67	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Se</i>	2001/0034407 A1	10/25/01	Arlyasu et al.	525	57	
<i>Se</i>	2002/0187291 A1	12/12/02	Philippoz et al.	428	36.4	
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
<i>Se</i>	Japanese 9248851	9/22/97	Japan	B29C	49/22	✓
<i>l</i>	Japanese 200008981	1/11/00	Japan	F02M	37/00	✓
<i>Se</i>	Japanese 42-22065	10/30/42	Japan	26C	118	✓
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
<i>Se</i>		Kirk-Othmer, Encyclopedia of Chemical Technology, Third Edition (1980), Volume 10, p. 216, Wiley-Interscience Publication, John Wiley & Sons, New York; and "Acetal Resins", T.J. Dolce and John A. Grates, Encyclopedia of Polymer Science and Engineering, Second Edition (1985), Volume 1, pp. 46-61, John Wiley & Sons, New York				
<i>Se</i>		English language abstracts of the following Japanese Patents : JP2001031732; JP9324106; JP9278983; JP9241476; JP8012734; JP7195496; JP4163022; JP2002155123; JP2001011143; JP2001011144; JP11255853; JP9327855; JP9151318; JP6328490; and JP4193522, JP9241476 and JP9278983				
<i>Se</i>		English language abstracts of EP1401961 and WO0063291				
EXAMINER <i>S. Castellano</i>			DATE CONSIDERED <i>11-06</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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			Timothy A. Spahr FILING February 11, 2004	GROUP ART 3727

#### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Se</i>	3,210,318	10/5/65	Dolce et al.	260	45.8	
	3,219,623	11/23/65	Berardinelli	260	45.95	
	3,337,507	8/22/67	Gutweller and et al.	260	67	
	4,405,547	9/20/83	Koch et al.	264	171	
<i>Se</i>	4,460,534	7/17/84	Boehm et al.	264	246	

#### U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

*S. Costello*

DATE CONSIDERED

11-06

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Se</i>	5,096,964	3/17/92	Subramanian	525	57	
	5,458,839	10/17/95	Murao et al.	264	177.1	
	5,476,120	12/19/95	Brunnhofer	138	137	
	5,567,491	10/22/96	Vezzoli et al.	428	35.7	
<i>Se</i>	5,891,373	4/6/99	Hunter	264	104	

**U.S. PATENT APPLICATION PUBLICATIONS**

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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

*S. Castellano*

DATE CONSIDERED

*11-06*

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			Timothy A. Spahr FILING February 11, 2004		GROUP ART 3727		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Se</i>		5,929,195	7/27/99	Kawaguchi et al.	528	233	
<i>Se</i>		6,384,179	5/7/0p2	Tanimura et al.	528	230	
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER	<i>S. Castellan</i>				DATE CONSIDERED	11-06	
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<p style="text-align: center;"><b>INFORMATION DISCLOSURE CITATION</b>  <small>(Use several sheets if necessary)</small></p> <p style="text-align: center;">MAY 25 2005</p> <p style="text-align: center;">P A T E N T &amp; T R A D E M A R K O F F I C E</p>			Docket Number (Optional) 1747 (TI-03-2)		Application Number 10/776,396		
			Applicant(s) <b>Timothy A. Spahr</b>				
			Filing Date <b>February 11, 2004</b>	Group Art Unit <b>3727</b>			
			<b>U.S. PATENT DOCUMENTS</b>				
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<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
		WO 2004/05850 A2	7/15/04	WIPO	B32H	27/00	YES ✓ NO
		EP 1 142 935 A2	10/10/01	EPO	C08J	5/12	✓
		DE 102 51 333 A1	5/19/04	Germany	C08J	5/12	✓
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
<i>Se</i>		PATENT ABSTRACTS OF JAPAN, Vol. 1998, No. 01, 30 January 1998 & JP 09 248851 A (Polyplastics Co.), 22 September 1997 (Abstract) PATENT ABSTRACTS OF JAPAN, Vol. 1999, No. 09, 30 July 1999 & JP 11 091040 A (Polyplastics Co.) 6 April 1999 (Abstract)					
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